

EI125463537US

#5

Sheet 1 of 2

FORM PTO-1049 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. A061CIP1	APPLICATION NO. 09/943,659
	APPLICANTS Gr gory R. Mundy et al.	
	FILING DATE August 31, 2001	GROUP 16464

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MH 1	5,510,332	4/23/96	Kogan et al.	514	14	July 7, 1994

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
MH 2	WO 99/61421	12/2/99	PCT	G07D	207/16		
MH 3	WO 00/15247	3/23/00	PCT	A61K	38/17		
MH 4	WO 01/12186	2/22/01	PCT	A61K	31/40		

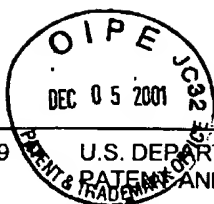
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL		
MH A1	Masellis-Smith et al. "Adhesion of Multiple Myeloma Peripheral B Cells to Bone Marrow Fibroblasts: A Requirement for CD44 and alphabeta7", <u>Cancer Research</u> 57(5): 930-936 (1997).	
A2	Roodman GD "Mechanisms of Bone Lesions in Multiple Myeloma and Lymphoma", Database Medline Online US National Library of Medicine (NLM), Bethesda, MD, retrieved from STN, Database accession no. 1998026745, abstract.	
MH A3	Roodman GD "Mechanisms of Bone Lesions in Multiple Myeloma and Lymphoma", <u>Cancer</u> 80 (8 Suppl): 1557-1563 (1997, Oct. 15).	
A4	Akatsu et al. "Chinese Hamster Ovary Cells Expressing Alpha4beta1 Integrin Stimulate Osteoclast Formation In Vitro", Database BIOSIS Online Biosciences Information Service, Philadelphia, PA (August 1998) Database accession no. PREV199800429141, abstract.	
MH A5	Akatsu et al. "Chinese Hamster Ovary Cells Expressing Alpha4beta1 Integrin Stimulate Osteoclast Formation In Vitro", <u>Journal of Bone and Mineral Research</u> 13 (8): 1251-1259 (1998).	
MH A6	Michigami et al. "Interactions of Myeloma Cells with Bone Marrow Stromal Cells via Alpha4 Beta 1 Integrin - VCAM-1 is required for the Development of Osteolysis", <u>Database SCISEARCH Online</u> , retrieved from STN, Database accession no. 684996. <u>Sept. 1997</u>	
MH A7	Michigami et al. "Interactions of Myeloma Cells with Bone Marrow Stromal Cells via Alpha4 Beta 1 Integrin - VCAM-1 is required for the Development of Osteolysis", <u>Journal of Bone and Mineral Research</u> 12 Supp. '1, pp. 104 (1997).	

EXAMINER Maher Haddad

DATE CONSIDERED 1/13/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 2 of 2

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
A061CIP1APPLICATION NO.
09/943,659INFORMATION DISCLOSURE
STATEMENT BY APPLICANTAPPLICANTS
Gregory R. Mundy et al.FILING DATE
August 31, 2001GROUP
1646

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

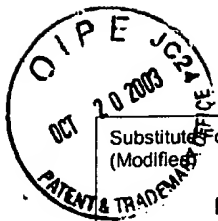
EXAMINER INITIAL	
MH	
AS	Mori et al. "Anti-alpha4 Integrin Antibody Suppresses the Bone Disease of Myeloma and Disrupts Myeloma-marrow Stromal Cell Interactions", <u>Journal of Bone and Mineral Research</u> 14 Supp. '11, pp. 1161 (1999).

EXAMINER Maher Haddad

DATE CONSIDERED

11/13/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 1 of 1Substitute Form PTO-1449
(Modified)U.S. Department of Commerce
Patent and Trademark OfficeAttorney's Docket No.
10274-062001Application No.
09/943,659**Information Disclosed by Applicant**

(Use several sheets if necessary)

(37 CFR §1.98(b))

Applicant
Mundy et al.Filing Date
August 31, 2001Group Art Unit
1644**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						
	AB						
	AC						

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AD							
	AE							
	AF							
	AG							

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
mt	AH	Barlogie et al., "Extended survival in advanced and refractory multiple", July 15, 2001, Blood, vol.98(2):492 (abstract)
mt	AI	Berenson et al., "Long-Term Pamidronate Treatment of Advanced Multiple Myeloma", Feb. 1998, J. Clin. Oncology, vol. 16 (2):593 (abstract)
mt	AJ	Dallas et al., "Ibandronate Reduces Osteolytic Lesions but not Tumor Burden", March 1, 1998, Blood, vol. 93(5):1697 (abstract)
mt	AK	Damiano et al., "Integrin-Mediated Drug Resistance in Multiple Myeloma", 2000, Leukemia and Lymphoma, vol. 38 (1-2):71-81
mt	AL	Damiano et al., "Cell Adhesion Mediated Drug Resistance (CAM-DR): Role of Integrins", March 1, 1999, Blood, vol. 93(5):1658-1667
mt	AM	Mittelman et al., "Erythropoietin induces tumor regression and antitumor", Aug. 24, 2001, PNAS, vol. 98(9):5181 (abstract)
mt	AN	Mundy et al., "Stromal cells regulate survival of B-lineage leukemic cells", Sept. 1, 2000, Blood, vol. 96 (5):1926-1932
mt	AO	Tinhofer et al., "Expression of functional interleukin-15 receptor and autocrine production", Jan. 15, 2000, Blood, vol. 95 (2): 610 (abstract)

Examiner Signature

Maher Haddad

Date Considered

1/13/03

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Disclosure Form (PTO-1449)